

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/665,728  
 DATE: 03/29/2001  
 TIME: 10:39:11

Input Set : A:\SCIOS.txt  
 Output Set: N:\CRF3\03292001\I665728.raw

ENTERED

4 <110> APPLICANT: Stanton, Lawrence W.  
 5 Kapoun, Ann Marie  
 7 <120> TITLE OF INVENTION: SECRETED FACTORS  
 11 <130> FILE REFERENCE: SCIOS.013A  
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/665,728  
 C--> 13 <141> CURRENT FILING DATE: 2000-09-20  
 13 <150> PRIOR APPLICATION NUMBER: 60/156,277  
 14 <151> PRIOR FILING DATE: 1999-09-27  
 16 <160> NUMBER OF SEQ ID NOS: 19  
 18 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 275  
 22 <212> TYPE: PRT  
 23 <213> ORGANISM: Rattus norvegicus  
 25 <400> SEQUENCE: 1  
 26 Met Thr Pro Arg Ala Gln Leu Leu Pro Leu Leu Leu Ala Thr Tyr Thr  
 27 1 5 10 15  
 28 Val Val Ala Ala Ala Val Thr Ser Asp Glu Pro Thr Lys Thr Leu Ser  
 29 20 25 30  
 30 Pro Ala Thr Gly Asp Ala Thr Leu Ala Phe Val Phe Asp Val Thr Gly  
 31 35 40 45  
 32 Ser Met Trp Asp Asp Leu Met Gln Val Ile Asp Gly Ala Ser Arg Ile  
 33 50 55 60  
 34 Leu Glu Arg Ser Leu Ser Ser Arg Ser Arg Val Ile Ala Asn Tyr Ala  
 35 65 70 75 80  
 36 Leu Val Pro Phe His Asp Pro Asp Ile Gly Pro Val Thr Leu Thr Ala  
 37 85 90 95  
 38 Asp Pro Val Val Phe Gln Arg Glu Leu Arg Gln Leu Tyr Val Gln Gly  
 39 100 105 110  
 40 Gly Gly Asp Cys Pro Glu Met Ser Val Gly Ala Ile Lys Ala Ala Val  
 41 115 120 125  
 42 Glu Val Ala Asn Pro Gly Ser Phe Ile Tyr Val Phe Ser Asp Ala Arg  
 43 130 135 140  
 44 Ala Lys Asp Tyr His Lys Lys Asn Glu Leu Leu Gln Leu Leu Gln Leu  
 45 145 150 155 160  
 46 Lys Gln Ser Gln Val Val Phe Val Leu Thr Gly Asp Cys Gly Asp Arg  
 47 165 170 175  
 48 Thr His Pro Gly Tyr Leu Ala Phe Glu Glu Ile Ala Ser Thr Ser Ser  
 49 180 185 190  
 50 Gly Gln Val Phe Gln Leu Asp Lys Gln Gln Val Ser Glu Val Leu Lys  
 51 195 200 205  
 52 Trp Val Glu Ser Ala Ile Gln Ala Ser Lys Val His Leu Leu Ser Ala  
 53 210 215 220  
 54 Asp His Glu Glu Glu Gly Glu His Thr Trp Arg Ile Pro Phe Asp Pro  
 55 225 230 235 240  
 56 Ser Leu Lys Glu Val Thr Ile Ser Leu Ser Gly Pro Gly Pro Glu Ile  
 57 245 250 255

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58 Glu Val Arg Asp Pro Leu Gly Met Ser Gln Gly Ser Pro Pro Leu Leu
59          260                      265                      270
60 Met Gln Asp
61          275
64 <210> SEQ ID NO: 2
65 <211> LENGTH: 1031
66 <212> TYPE: DNA
67 <213> ORGANISM: Rattus norvegicus
69 <220> FEATURE:
70 <221> NAME/KEY: CDS
71 <222> LOCATION: (96)...(920)
73 <400> SEQUENCE: 2
74 tctagcgaac cccttcggcc cgctagagcg agactgcact gccatctatc cctgcgacct 60
75 gcgcgtccca ttagggctgc agcctccggc tcagc atg acg cct agg gcg cag 113
76                                     Met Thr Pro Arg Ala Gln
77                                     1           5
79 ctc ctg ccg ctg ctc ctg gcg acc tac aca gta gtg gcg gcg gcg gtc 161
80 Leu Leu Pro Leu Leu Leu Ala Thr Tyr Thr Val Val Ala Ala Ala Val
81          10          15          20
83 aca tct gat gag ccc acg aag acg ctg tcc ccc gcc aca gga gac gcc 209
84 Thr Ser Asp Glu Pro Thr Lys Thr Leu Ser Pro Ala Thr Gly Asp Ala
85          25          30          35
87 acc ctg gcc ttc gtc ttc gat gtc acc ggc tcc atg tgg gac gat ctg 257
88 Thr Leu Ala Phe Val Phe Asp Val Thr Gly Ser Met Trp Asp Asp Leu
89          40          45          50
91 atg cag gtg atc gac ggc gcc tca cgc att ctg gag cgc agt ctg agc 305
92 Met Gln Val Ile Asp Gly Ala Ser Arg Ile Leu Glu Arg Ser Leu Ser
93 55          60          65          70
95 agc cgc agc cgg gtc atc gcc aac tat gcg ctg gtg cct ttc cac gac 353
96 Ser Arg Ser Arg Val Ile Ala Asn Tyr Ala Leu Val Pro Phe His Asp
97          75          80          85
99 cca gac att ggc cca gtg acc ctc acg gcg gac cca gtg gtg ttt cag 401
100 Pro Asp Ile Gly Pro Val Thr Leu Thr Ala Asp Pro Val Val Phe Gln
101          90          95          100
103 aga gag ctg aga caa ctc tat gtt cag gga ggt ggt gac tgc cca gaa 449
104 Arg Glu Leu Arg Gln Leu Tyr Val Gln Gly Gly Gly Asp Cys Pro Glu
105          105          110          115
107 atg agt gtg ggg gcc atc aag gct gcc gtg gag gtt gcc aac ccc ggc 497
108 Met Ser Val Gly Ala Ile Lys Ala Ala Val Glu Val Ala Asn Pro Gly
109          120          125          130
111 tcc ttc atc tac gtc ttc tcg gat gcc cgt gcc aag gac tac cac aag 545
112 Ser Phe Ile Tyr Val Phe Ser Asp Ala Arg Ala Lys Asp Tyr His Lys
113 135          140          145          150
115 aag aat gag ctc ctg cag ctc ctg cag ctg aag cag tcg cag gtg gtc 593
116 Lys Asn Glu Leu Leu Gln Leu Leu Gln Leu Lys Gln Ser Gln Val Val
117          155          160          165
119 ttc gtg ctg act ggg gac tgc ggt gac cgc acc cac cct ggc tac ctg 641
120 Phe Val Leu Thr Gly Asp Cys Gly Asp Arg Thr His Pro Gly Tyr Leu
121          170          175          180

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```

123 gct ttt gag gag atc gcc tcc acc agt tct ggc caa gtg ttc cag ctg 689
124 Ala Phe Glu Glu Ile Ala Ser Thr Ser Ser Gly Gln Val Phe Gln Leu
125      185      190      195
127 gac aag cag cag gtg tcg gag gtg tta aag tgg gtg gag tcc gcc atc 737
128 Asp Lys Gln Gln Val Ser Glu Val Leu Lys Trp Val Glu Ser Ala Ile
129      200      205      210
131 cag gcc tcc aaa gtt cat ctg ctg tca gca gac cac gag gag gag ggc 785
132 Gln Ala Ser Lys Val His Leu Leu Ser Ala Asp His Glu Glu Glu Gly
133      215      220      225      230
135 gaa cac aca tgg aga atc cct ttt gac ccc agc ttg aag gaa gtc acc 833
136 Glu His Thr Trp Arg Ile Pro Phe Asp Pro Ser Leu Lys Glu Val Thr
137      235      240      245
139 atc tca ctg agc ggg cca ggg cct gag atc gaa gtc cgg gac cca ctg 881
140 Ile Ser Leu Ser Gly Pro Gly Pro Glu Ile Glu Val Arg Asp Pro Leu
141      250      255      260
143 ggt atg tcc cag ggt tca cct cct ctt ctg atg caa gac tgagctggaa 930
144 Gly Met Ser Gln Gly Ser Pro Pro Leu Leu Met Gln Asp
145      265      270      275
147 ggccaggctg aggcgatgga aggaggggcc tgaggagatg gctcagccaa taaatgtct 990
148 gcctcacaca aaaaaaaaaa aagcccggt cgagcgccg c 1031
150 <210> SEQ ID NO: 3
151 <211> LENGTH: 25
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: synthetic
158 <400> SEQUENCE: 3
159 cgtatgttgt gtggaattgt gagcg 25
161 <210> SEQ ID NO: 4
162 <211> LENGTH: 25
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: synthetic
169 <400> SEQUENCE: 4
170 gatgtgctgc aaggcgatta agttg 25
172 <210> SEQ ID NO: 5
173 <211> LENGTH: 28
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: synthetic
180 <400> SEQUENCE: 5
181 gccgccagtg tgctggaatt cggctagc 28
183 <210> SEQ ID NO: 6
184 <211> LENGTH: 28
185 <212> TYPE: DNA
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:

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189 <223> OTHER INFORMATION: synthetic
191 <400> SEQUENCE: 6
192 cgaattctgc agatatccat cacactgg                28
194 <210> SEQ ID NO: 7
195 <211> LENGTH: 25
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: synthetic
202 <400> SEQUENCE: 7
203 ctagagggcc caattcgccc tatag                25
205 <210> SEQ ID NO: 8
206 <211> LENGTH: 25
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: synthetic
213 <400> SEQUENCE: 8
214 tgagtcgtat tacaattcac tggcc                25
216 <210> SEQ ID NO: 9
217 <211> LENGTH: 20
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: synthetic
224 <400> SEQUENCE: 9
225 gctcggatcc actagtaacg                20
227 <210> SEQ ID NO: 10
228 <211> LENGTH: 18
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: synthetic
235 <400> SEQUENCE: 10
236 tttttttttt tttttttt                18
238 <210> SEQ ID NO: 11
239 <211> LENGTH: 25
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: synthetic
246 <400> SEQUENCE: 11
247 cgtatgttgt gtggaattgt gagcg                25
249 <210> SEQ ID NO: 12
250 <211> LENGTH: 25
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: synthetic

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257 <400> SEQUENCE: 12	
258 gatgtgctgc aaggcgatta agttg	25
260 <210> SEQ ID NO: 13	
261 <211> LENGTH: 20	
262 <212> TYPE: DNA	
263 <213> ORGANISM: Artificial Sequence	
265 <220> FEATURE:	
266 <223> OTHER INFORMATION: synthetic	
268 <400> SEQUENCE: 13	
269 tggccttcgt cttcgatgtc	20
271 <210> SEQ ID NO: 14	
272 <211> LENGTH: 18	
273 <212> TYPE: DNA	
274 <213> ORGANISM: Artificial Sequence	
276 <220> FEATURE:	
277 <223> OTHER INFORMATION: synthetic	
279 <400> SEQUENCE: 14	
280 gccgtcgatc acctgcat	18
282 <210> SEQ ID NO: 15	
283 <211> LENGTH: 22	
284 <212> TYPE: DNA	
285 <213> ORGANISM: Artificial Sequence	
287 <220> FEATURE:	
288 <223> OTHER INFORMATION: synthetic	
290 <400> SEQUENCE: 15	
291 ccggctccat gtgggacgat ct	22
293 <210> SEQ ID NO: 16	
294 <211> LENGTH: 20	
295 <212> TYPE: DNA	
296 <213> ORGANISM: Artificial Sequence	
298 <220> FEATURE:	
299 <223> OTHER INFORMATION: synthetic	
301 <400> SEQUENCE: 16	
302 cggctaccac atccaaggaa	20
304 <210> SEQ ID NO: 17	
305 <211> LENGTH: 18	
306 <212> TYPE: DNA	
307 <213> ORGANISM: Artificial Sequence	
309 <220> FEATURE:	
310 <223> OTHER INFORMATION: synthetic	
312 <400> SEQUENCE: 17	
313 gctggaatta ccgcggct	18
315 <210> SEQ ID NO: 18	
316 <211> LENGTH: 22	
317 <212> TYPE: DNA	
318 <213> ORGANISM: Artificial Sequence	
320 <220> FEATURE:	
321 <223> OTHER INFORMATION: synthetic	
323 <400> SEQUENCE: 18	

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/665,728

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Input Set : A:\SCIOS.txt

Output Set: N:\CRF3\03292001\I665728.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No  
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date